

# Comparisons of Job Characteristics

**Focus Occupation:** Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4032)

**Associated Occupation:** Earth Drillers, Except Oil and Gas (47-5021)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 80

**Focus Occupation:** Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4032)  
**Associated Occupation:** Earth Drillers, Except Oil and Gas (47-5021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	15.0	15.9	0 Current knowledge level may be sufficient
Public Safety and Security	6.9	9.2	6.8	<< Extensive education and/or training may be required
Building and Construction	4.0	7.6	4.7	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 83

**Focus Occupation:** Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4032)  
**Associated Occupation:** Earth Drillers, Except Oil and Gas (47-5021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	13.0	8.7	<< Extensive development of skills in this area may be required
Operation Monitoring	6.6	13.0	11.6	< A higher skill level may be required
Equipment Maintenance	3.5	9.0	5.9	<< Extensive development of skills in this area may be required
Repairing	3.4	8.4	5.9	<< Extensive development of skills in this area may be required
Troubleshooting	4.5	8.0	6.9	< A higher skill level may be required
Equipment Selection	3.3	7.3	6.2	< A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 82			
Focus Occupation: Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4032) Associated Occupation: Earth Drillers, Except Oil and Gas (47-5021)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	13.9	11.1	<	Some improvement in abilities may be required
Multilimb Coordination	6.0	12.3	9.1	<<	Extensive improvement in abilities may be required
Reaction Time	4.8	11.5	8.5	<<	Extensive improvement in abilities may be required
Manual Dexterity	6.5	11.4	10.1	<	Some improvement in abilities may be required
Depth Perception	5.3	10.8	7.3	<<	Extensive improvement in abilities may be required
Rate Control	3.8	10.6	8.0	<<	Extensive improvement in abilities may be required
Response Orientation	4.0	10.2	6.3	<<	Extensive improvement in abilities may be required
Hearing Sensitivity	5.6	9.2	6.4	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	6.5	3.1	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 66
<b>Focus Occupation: Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4032)</b> <b>Associated Occupation: Earth Drillers, Except Oil and Gas (47-5021)</b>		
Work Activities	Exclusivity of Activity	
Operate hoist, winch, or hydraulic boom	34	
Signal directions or warnings to coworkers	42	
Use hand or power tools	2	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

**Focus Occupation: Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4032)**  
**Associated Occupation: Earth Drillers, Except Oil and Gas (47-5021)**

Tools and Technologies	Exclusivity
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Tools and technology data is unavailable for one or both occupations.	
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Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.